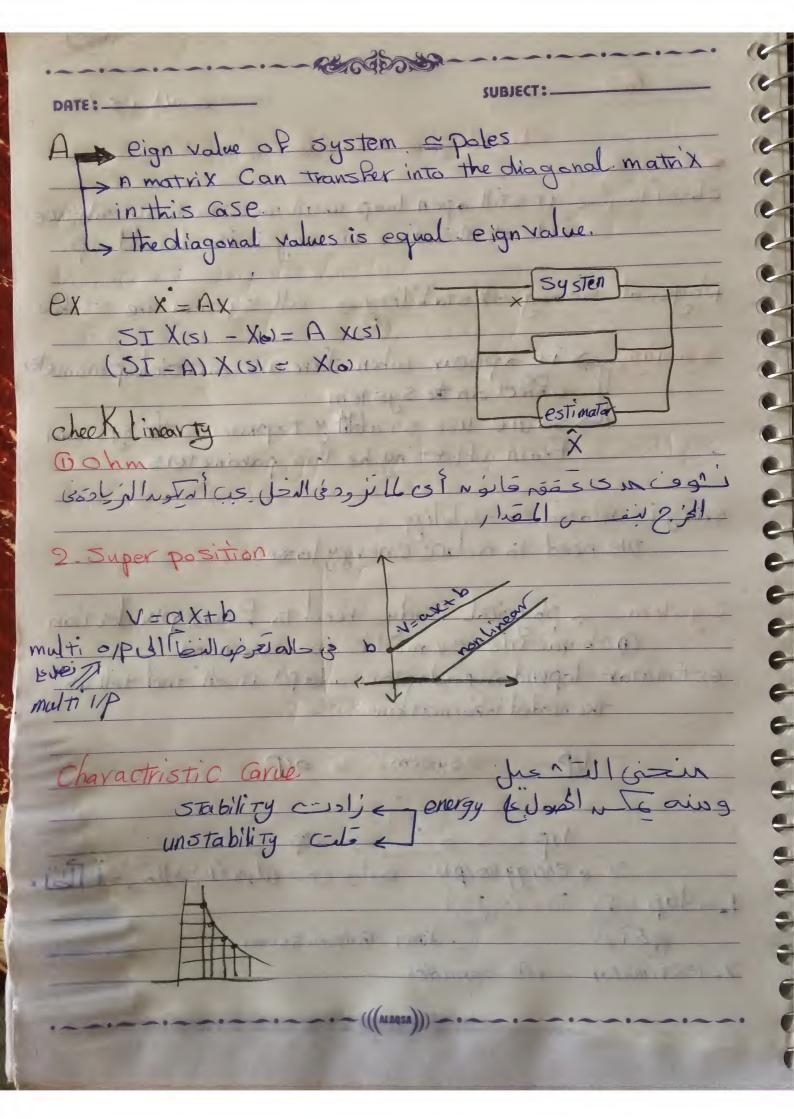
स्केट्डिका अन DATE: Coc2 Introduction to Simulink. =analysing Closed loop it still open loop untill we start to enhance it at this time we say it is closed loop. Physical meaning of stability all system are stable Stability it appear when there are outside parameter effect on the system.

Sowe use stability to protect the system From affecting be this parameters. energ is related to stability we need to reduce energy losses. System physical Body need to Puture phedection Ocharactristic u model, observation estimator depend on radaptor adapt itself and tell us the needed information !! IIP > System > OIP 13. 11 y week of iller a briller up Colored 2 is evergy (10/p) (5) [(1) cho dp ill is log of [16]. 1-adap (1), B, C, D Roid Ladinect Transmission 2 estimator All variable " ---- (((ALAYSA))) - - - - -



* The main objective of any system is toobtain eign value. gordan form > all the upor 1910

eign value > diagonal - 5 table latteast (+) unstable only stable excriticaling 1205 unstable. $X_1 = X_2 = Const$ $dX_1 = X_2 \Rightarrow X = t$ $X_2 = 0$ all the time air dt dt viriblematrix noul de les les Vien de 131. 1 - eign value. 2- eign vector eignvalue Justill System Can be invertable if parametersue ign value "Controllable or not controllable" Controllable > i/P dosi Edes is the ability of the 1/p to Change the STate of variable from one point to another in aspecific time.